## US005452266A

## United States Patent [19]

Carter

[11] Patent Number:

5,452,266

[45] Date of Patent:

Sep. 19, 1995

[54	SUBMER	SUBMERSIBLE SENSOR SYSTEM		
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[21]	Appl. No.	.: 30	8,336	
[22]	Filed:	Se	p. 19, 1994	
[52]	U.S. Cl			
[56]	References Cited			
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## [57] ABSTRACT

A vessel, such as a submarine, has onboard sensor processing, display, and computer control capability for an array of sensors deployed from the vessel. The array includes a plurality of cables containing numerous sensors on each cable. The cables are suspended vertically from a housing on reels that provide a convenient means for deployment and recovery of the array. A submersible means at the lower end of the cables includes active transducers, propulsion devices and control surfaces for orienting and driving the structure so as to maintain a speed and direction for this structure corresponding to that of the vessel.

11 Claims, 3 Drawing Sheets

